

MAR 15 2007

**INFORMAL COMMUNICATION
-DO NOT ENTER INTO FILE-**

To: Examiner Leon Lankford, Group Art Unit 1651
Fax No: 571-273-0917/571-273-8300

From: Eric S. Furman, Reg. No. 45, 664

Re: **SYSTEMS AND METHODS FOR TREATING PATIENTS WITH PROCESSED
LIPOASPIRATE CELLS**
Serial No.: 10/614644
Filed: July 7, 2003

Date: March 15, 2007

Dear Examiner Lankford,

Thank you for considering the attached proposed claim in the above-referenced application. Please call me at 619-687-8463 (direct) at your earliest convenience.

Best regards,

Eric Furman
Attorney
Reg. No. 45,664

PROPOSED CLAIM

1. A self-contained adipose-derived stem cell processing unit, comprising:
a tissue collection container that is configured to receive unprocessed adipose tissue that is removed from a patient, wherein said tissue collection chamber is defined by a closed system;
a first filter that is disposed within said tissue collection container, wherein said first filter which is configured to retain a first component of said unprocessed adipose tissue and pass a second component of said unprocessed adipose tissue, such that said first filter separates said first component from said second component, and wherein said

first component comprises a cell population that comprises adipose-derived stem cells and said second component comprises lipid, blood, mature adipocytes, and saline;

a cell collection chamber, which is configured to receive ~~and concentrate~~ said first component comprising a cell population that comprises a population of cells that ~~comprise~~ adipose-derived stem cells from said tissue collection container, wherein said cell collection container is within said closed system;

a cell concentrator disposed within said cell collection chamber, which is configured to facilitate the concentration of said first component comprising a cell population that comprises adipose-derived stem cells so as to obtain a concentrated population of cells that comprise adipose-derived stem cells, wherein said cell concentrator comprises a centrifuge or a spinning membrane filter; and

an outlet configured to allow the aseptic removal of said concentrated population of cells that comprise adipose-derived stem cells.

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